



Instant Charge Battery System For Portable Electronic Devices

Abstract

The Instant Charge Battery System For Portable Electronic Devices is an energy storage and delivery device comprising of a capacitor portion for instantaneously capturing electrical energy from an external energy source for the purpose of charging a rechargeable battery, a charge circuit which transfers and regulates a charge current and a charge voltage from the capacitor to the battery, and a chargeable battery. The chargeable battery can be of any chargeable / rechargeable cell(s) such as, but not limited to, NiCad, NiMH or Lithium-ion. Once the Instant Charge Battery System For Portable Electronic Devices is connected to an external electrical energy source, the capacitor portion captures electrical energy within seconds – and then can be immediately disconnected from the external energy source – thereby eliminating the need for an extended period of time a portable electronic device must be connected to an external electrical energy source in order for its chargeable battery to charge.

D. J. Smith *End*

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